

Karl Martin Zimmermann

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Personal Profile

I highly enjoy my psychology studies and particularly engage in the field of neuropsychology and the research of the connection between cognition and neural activity. Whenever I start a new project I am passionate about it and work whole-heartedly. My sense of responsibility leads me to work efficiently but thoroughly. Teamwork is one of my strong sides and I do not mind taking on responsibility once I have the sufficient expertise.

Academic Education

BSc in Psychology, University of Groningen, *Netherlands* September 2015 – March 2019

Individual Thesis: *The relation of executive functions and academic achievement.*

Courses: Statistics I – III, academic skills, research methods, clinical psychology, biopsychology, cognitive psychology, neuropsychology, history of psychology, controversies in psychology, philosophy in psychology

BSc in Psychology (2 Sem.), Fernuniversität Hagen, *Germany* October 2014 - July 2015

Long-distance University via online courses.

Changed University because I missed personal contact in the educational system.

High School (Abitur), Theodor-Heuss-Schule Wetzlar, *Germany* September 2010 - July 2013

Focus on business and economics.

Professional Experience

Research Stay – University of Oslo, *Norway* April 2019 - Present

Assisting Dr. Rene Huster [Professor of Cognitive Neuropsychology – Dep. of Psychology, University of Oslo] (<https://www.rjhuster.com/>) in research projects focused on:

- EEG-based (electroencephalography) neurofeedback training for the modulation of cognitive control
- Concurrent EEG-TMS (transcranial magnetic stimulation) for the study of response inhibition
- EEG/MRI assessments of cognitive capabilities of patients with Klinefelter syndrome

Student Assistant – University of Groningen, *Netherlands*

April 2018 - Present

Assistant to Dr. Stefanie Enriquez-Geppert [Assistant Professor – Dep. of Clinical Neuropsychology, University of Groningen] (<http://www.enriquez-geppert.com/people.html>)

Weekly group meetings with the research team discussing current projects, relevant scientific papers and other important possible important topics for the team.

Projects:

- Neuropsychological data extraction for meta-analytical paper (neurological progression from mild cognitive impairment towards Alzheimer’s disease)
- Workshop organizer “Mind over Matter: Getting Control over Your own Brain Waves for better results?” at school symposium “brain waves” together with Diede Smit, Rutger Stegeman and Stefanie Enriquez-Geppert
 - Personal responsibility for the part “Introducing students to neuroscience, executive functions and testing, exemplified with the Stroop test”
- Assessment of frontal-midline theta neurofeedback on executive functions
 - 20+ hours of EEG experience in cap setting, participant contact & measurement

Volunteer work

Fundraising Team Leader – Oceania Leadership Team, *Australia & Solomon Islands*

January 2014 - September 2014

Volunteering for different social projects, particularly HIV education and communal service work on the Solomon Islands.

Fund raising all across Australia in small teams with 5 to 7 other volunteers.

Skills

Languages:	[native]	German & English
	[conversational]	Dutch
	[basic]	French
Software:	[advanced]	SPSS, Office (Excel, Word, Presentation)
	[moderate]	Qualtrics, Photoshop
	[basic]	Matlab, R

Other leisure activities: Guitar, ukulele, saxophone, bass-guitar, basketball, American football, swimming, climbing

Publications

Enriquez-Geppert, S., Wichmann, L. J., Speth, A. S., Zimmermann, K. M., Sanabria, K. (in preparation). Meta-analysis on the neural correlates of theta power in the progression from Mild Cognitive Impaired (MCI) patients to Alzheimer’s disease. *Rijksuniversiteit Groningen*

Enriquez-Geppert, S., Zimmermann, K. M., Krc, J., Nebelung, F. L., Koehler, F., Fuermaier, A., Bruchmann, M. (in prep). The relation of executive functions on academic performance in first-year students. *Rijksuniversiteit Groningen*.

Poster abstract on “the relation of executive functions on academic performance in first-year students” at OHBM (Organization for Human Brain Mapping) conference in Rome in June 9-13,2019 [Abstract submitted]